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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/014,250	12/10/2001	Kiyoshi Hayashi	10873.848US01	2773	
75	590 02/24/2004		EXAMINER		
Merchant & Gould P.C.				ES, JOHN S	
P.O. Box 2903	AN 55402-0903		ART UNIT	PAPER NUMBER	
Minneapons, N	/IN 33402-0903		1745		
			DATE MAILED: 02/24/200	4	

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application N	о.	Applicant(s)	
	10/014,250		HAYASHI ET AL.	
Office Action Summary	Examiner		Art Unit	
	John S. Maple		1745	
The MAILING DATE of this communication app	ears on the co	ver sheet with the	correspondence addre	ess
Period for Reply	T. T.O. F	CANDIDE A MONTH	I(C) EDOM	
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period was preply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, h within the statutory will apply and will exp	nowever, may a reply be to minimum of thirty (30) do bire SIX (6) MONTHS from the become ABANDON	imely filed ays will be considered timely. m the mailing date of this comr IED (35 U.S.C. § 133).	nunication.
Status				
1) Responsive to communication(s) filed on 26 No.	ovember 2003	<u>}.</u>		
2a) This action is FINAL. 2b) ☐ This	action is non-	final.		
3) Since this application is in condition for allowar			rosecution as to the n	nerits is
closed in accordance with the practice under E	Ex parte Quayl	e, 1935 C.D. 11,	453 O.G. 213.	
Disposition of Claims				
4)⊠ Claim(s) <u>1,2,4 and 5</u> ie/are pending in the appl	ication.			
4a) Of the above claim(s) is/are withdraw	wn from consi	deration.		
5) Claim(s) is/are allowed.				
6)⊠ Claim(s) <u>1,2,4,5</u> ie/are rejected.			-	
7) Claim(s) is/are objected to.		•		
8) Claim(s) are subject to restriction and/o	or election requ	irement.		
Application Papers			*	
9) The specification is objected to by the Examine	er.			
10) The drawing(s) filed on is/are: a) acc	epted or b)	objected to by the	e Examiner.	
Applicant may not request that any objection to the	drawing(s) be I	neld in abeyance. S	See 37 CFR 1.85(a).	
Replacement drawing sheet(s) including the correct	tion is required	if the drawing(s) is	objected to. See 37 CFF	₹ 1.121(d).
11) The oath or declaration is objected to by the Ex	xaminer. Note	the attached Office	ce Action or form PTC)-152.
Priority under 35 U.S.C. § 119			-	
12) Acknowledgment is made of a claim for foreign	n priority unde	r 35 U.S.C. § 119	(a)-(d) or (f).	
a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority document	its have heen i	received		
Eller with decomposition	ts have been i	received in Applic	ation No.	
	rity document	s have been rece	ived in this National S	Stage
3. Copies of the certified copies of the prical cop	au (PCT Rule :	17.2(a)).		J
* See the attached detailed Office action for a list	t of the certifie	d copies not rece	ived.	
See the attached detailed office dotter for a new				,
Attachment(s)				
1) Notice of References Cited (PTO-892)	4) Interview Summ Paper No(s)/Mai		
Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date	2)		al Patent Application (PTO	-152)
S. Patent and Trademark Office			Deet of Deeps No /Mail I	Data 021004

U.S. Patent and Trademark Offi PTOL-326 (Rev. 1-04) Application/Control Number: 10/014,250

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1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1, 2, 4 and 5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. (New Rejection)

In claim 1, there is no antecedent basis for the word "plate" found in line 5.

Claims 2, 4 and 5, dependent on claim 1, fall therewith.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 2, 4 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Yoshii et al.-US 5,637,416 (Yoshii) (New Rejection)

Reference is made to the Abstract of Yoshii along with column 1, lines 5-8; column 2, line 61 through column 3, line 10, Example 1, and column 5, lines 6-26. See also Figures 4 and 5 in Yoshii. In these portions of Yoshii, the nickel hydroxide positive electrode has an intermediate portion therein that has a higher porosity than outer portions thereof.

5. Claims 1, 2, 4 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Matsumoto et al.-US 4,251,603 (Matsumoto).

Reference is made to column 3, lines 58-6 of Matsumoto along with column 4, line 65 through column 5, line 35; column 6, lines 38-46 and column 7, lines 21-31. See also Figure 1 of Matsumoto where it can be clearly seen that the porosity of the top portion is lower that the

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porosity further within the electrode by virtue of there being less plaque material toward the middle of the electrode. It is also noted that in claims 2 and 5, applicant has claimed process steps, however applicant's claims are product claims. Because Matsumoto teaches the claimed product, it is irrelevant how the product is made so applicant's claims are anticipated by the patent to Matsumoto.

Applicant's arguments have all been considered but are not deemed persuasive.

Applicant argues that Matsumoto does not teach varying the porosity of the electrode composition. The examiner respectfully disagrees. In both column 5, lines 27-31 and column 6, lines 38-46, Matsumoto states that the porosity of the electrode is higher within the electrode than on outer portions thereof. These portions of Matsumoto clearly show that the porosity of the electrode is varied. It is also to be noted that applicant never argued these particular portions in the patent to Matsumoto.

A further argument by applicant is that Matsumoto states that the porosity of the electrode throughout is the same. This may be true, however, two other portions of Matsumoto, namely, column 5 and column 6, state differently. As set forth in the previous paragraph, the porosity within the electrode varies and is higher on the inside than in outer portions thereof.

Applicant's arguments relating to the '713 reference are convincing and thus the rejection based thereon is withdrawn.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John S. Maples whose telephone number is 571-272-1287. The examiner can normally be reached on Monday-Thursday from 6:15-3:45.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

John S. Maples
Primary Examiner
Art Unit 1745

JSM/2-19-2004